

V A L S P A R C O R P O R A T I O N  
MATERIAL SAFETY DATA SHEET

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\*\*\*\*\* SECTION 1: PRODUCT IDENTIFICATION

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MANUFACTURERS ADDRESS : 1101 THIRD STREET SOUTH, MINNEAPOLIS, MN 55415  
MFG TELEPHONE NUMBER : (612) 332-7371  
24 HR EMERGENCY PHONE NO : 1-888-345-5732  
CHEMICAL NAME OR FAMILY : PAINT PRODUCT  
FORMULA : NOT APPLICABLE  
TRADE NAME : 27 3534 MRN COP/VNL A/F BLUE  
REVISION DATE : 10-09-98 DATE PRINTED : 01-18-00

\*\*\*\*\* SECTION 2: HAZARDOUS INGREDIENTS

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NAME	APPROX WT %	
*COMMON(NA):CUPROUS OXIDE PIGMENT	45%	TLV TWA 1.00 MG/CU M TLV STEL NOT ESTAB OSHA PEL NOT ESTAB CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:1317-39-1 CHEMICAL: COPPER OXIDE		
COMMON(NA):TITANIUM DIOXIDE	5%	TLV TWA 10.00 MG/CU M TLV STEL NOT ESTAB OSHA PEL 10.00 MG/CU M CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:13463-67-7 CHEMICAL: TITANIUM OXIDE		
COMMON(NA):AROMATIC NAPHTHA, HEAVY	45%	TLV TWA NOT ESTAB TLV STEL NOT ESTAB OSHA PEL 100.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:64742-94-5 CHEMICAL: SOLVENT NAPHTHA, (PETRO- LEUM) HEAVY AROM		
*COMMON(NA):NAPETHELENE	5%	TLV TWA 10.00 PPM TLV STEL 15.00 PPM OSHA PEL 10.00 PPM CEILING NOT ESTAB RECOMND NOT ESTAB
CAS:91-20-3 CHEMICAL: NAPHTHALENE		

CHEMICALS NOTED WITH A (\*) ARE REPORTABLE UNDER SECTION 313 OF SARA TITLE III

ALL COMPONENTS OF THIS PRODUCT ARE IN COMPLIANCE WITH U.S. TSCA CHEMICAL  
SUBSTANCE INVENTORY REQUIREMENTS.

\*\*\*\*\* SECTION 3: PHYSICAL DATA

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BOILING POINT: 336 DEG F. ( 168 DEG C.)  
VAPOR PRESSURE MM HG AT 75 DEG F. ( 23 DEG C.): 1.0  
VAPOR DENSITY (AIR = 1.0): 4.7  
SPECIFIC GRAVITY: 1.32  
PERCENT VOLATILE BY VOLUME: 68.00  
EVAPORATION RATE (BUTYL ACETATE = 1): .0

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\*\*\*\*\* SECTION 3: PHYSICAL DATA  
SOLUBILITY IN WATER: NO  
APPEARANCE/ODOR: NORMAL FOR A COATINGS PRODUCT.  
PH : N.AV  
COEFFICIENT OF WATER/OIL DISTRIBUTION: N.AV

\*\*\*\*\*CONTINUED\*\*\*\*\*

\*\*\*\*\* SECTION 4: FIRE AND EXPLOSION HAZARD

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FLASH POINT TCC/PM DEG F : 105  
FLASH POINT TCC/PM DEG C : 40  
LOWER EXPLOSIVE LIMIT : 1.00  
UPPER EXPLOSIVE LIMIT : 6.00  
AUTO IGNITION - DEG F : N.AV DEG C : N.AV  
SENSITIVITY TO IMPACT : NONE  
SENSITIVITY TO STATIC DISCHARGE : N.AV

EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICAL, FOAM, AND/OR WATER FOG.

SPECIAL FIRE FIGHTING PROCEDURES:

FIRE FIGHTERS MUST WEAR SELF CONTAINED BREATHING APPARATUS OR AIR MASKS.  
CONTAINERS EXPOSED TO FIRE SHOULD BE KEPT COOL WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSIVE HAZARDS:  
NONE

\*\*\*\*\* SECTION 5: HEALTH HAZARD DATA

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THRESHOLD LIMIT VALUE: NOT REQUIRED FOR MIXTURE.

EFFECTS OF OVEREXPOSURE:

IMMEDIATE EFFECTS (ACUTE):

HARMFUL IF INHALED. MAY AFFECT THE BRAIN, NERVOUS SYSTEM OR RESPIRATORY SYSTEM, CAUSING DIZZINESS, HEADACHE, NAUSEA OR RESPIRATORY IRRITATION.

OVEREXPOSURE TO INGREDIENTS IN THIS PRODUCT MAY CAUSE NOSE AND THROAT IRRITATION, EYE IRRITATION, SKIN IRRITATION.

DELAYED EFFECTS (CHRONIC):

NOTICE: REPORTS HAVE ASSOCIATED REPEATED AND PROLONGED OCCUPATIONAL OVEREXPOSURE TO SOLVENTS WITH PERMANENT BRAIN AND NERVOUS SYSTEM DAMAGE. INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE - ANY  
RESPIRATORY OR SKIN CONDITION.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION.

SKIN CONTACT: WASH THOROUGHLY WITH SOAP AND WATER.

INHALATION: IF AFFECTED BY INHALATION OF VAPOR OR SPRAY MIST, REMOVE TO FRESH AIR.

SWALLOWING: IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.

POSSIBLE ROUTES OF ENTRY: INHALATION, INGESTION, SKIN ABSORPTION.

\*\*\*\*\* SECTION 6: REACTIVITY DATA

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THIS PRODUCT IS STABLE  
CONDITIONS TO AVOID: NONE  
INCOMPATIBILITY: STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PRODUCTS:  
CARBON DIOXIDE/MONOXIDE

HAZARDOUS POLYMERIZATION: NONE

\*\*\*\*\* SECTION 7: SPILL OR LEAK PROCEDURES

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VENTILATE AREA. AVOID BREATHING OF VAPORS. USE SELF-CONTAINED  
BREATHING APPARATUS OR AIRMASK FOR LARGE SPILLS IN A CONFINED AREA.  
AVOID CONTACT WITH EYES.

WASTE DISPOSAL METHOD:  
DISPOSE IN CHEMICAL DISPOSAL AREA OR IN A MANNER THAT COMPLIES WITH LOCAL,  
STATE, PROVINCIAL AND FEDERAL REGULATIONS. DO NOT INCINERATE CLOSED CONTAINERS.

\*\*\*\*\* SECTION 8: SPECIAL PROTECTION INFORMATION \*\*\*\*\*

RESPIRATORY PROTECTION:

UNLESS AIR MONITORING DEMONSTRATES VAPOR/MIST LEVELS ABOVE APPLICABLE  
LIMITS, NO RESPIRATOR IS REQUIRED. IF RESPIRATOR IS REQUIRED, THE  
APPROPRIATE, PROPERLY FITTED RESPIRATOR (NIOSH/MSHA APPROVED) SHOULD BE  
WORN DURING APPLICATION. FOLLOW RESPIRATOR MANUFACTURERS DIRECTIONS FOR  
RESPIRATOR USE.

VENTILATION:

REQUIRED FOR SPRAYING OR IN A CONFINED AREA, VENTILATION EQUIPMENT SHOULD BE  
EXPLOSION PROOF.

PROTECTIVE GLOVES: USUAL HAND PROTECTION FOR PAINT APPLICATION.  
EYE PROTECTION: FOR SPRAY APPLICATION, USE CHEMICAL  
GOGGLES AS A MINIMUM. OTHERWISE, USE SAFETY GLASSES  
WITH SIDE SHIELDS AS A MINIMUM.  
OTHER PROTECTIVE EQUIPMENT: USUAL CLOTHING FOR PAINTING OPERATIONS.

\*\*\*\*\* SECTION 9: SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAMES. KEEP CONTAINER  
CLOSED WHEN NOT IN USE. DO NOT STORE ABOVE 120 DEG F. ( 49 DEG C.) BASED ON THE  
PRODUCT FLASH POINT AND VAPOR PRESSURE, SUITABLE STORAGE SHOULD BE PROVIDED IN  
ACCORDANCE WITH OSHA REGULATION 1910.106/ONTARIO OH&S REGULATION 851 SECTION 22.  
EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE, INCLUDING FLAMMABLE OR EXPLOSIVE  
VAPORS. DO NOT CUT, PUNCTURE OR WELD ON OR NEAR CONTAINER. ALL LABEL WARNINGS  
MUST BE OBSERVED UNTIL THE CONTAINER HAS BEEN CLEANED OR RECONDITIONED.

ABBREVIATIONS USED:

OSHA-OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION;  
IARC-INTERNATIONAL AGENCY FOR RESEARCH ON CANCER; LEL-LOWER EXPLOSIVE LIMITS;  
UEL-UPPER EXPLOSIVE LIMITS; MG CU M-MILLIGRAMS PER METERS CUBED; MM-MILLIMETERS;  
MPPCF-MILLIONS OF PARTICLES PER CUBIC FOOT; MSHA-MINE SAFETY AND HEALTH

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\*\*\*\*\* SECTION 9: SPECIAL PRECAUTIONS \*\*\*\*\*CONTINUED\*\*\*\*\*  
ADMINISTRATION; NIOSH-NATIONAL INSTITUTE OF OCCUPATIONAL SAFETY AND HEALTH;  
WEMIS-WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION SYSTEM; H-HOURS; HR-HOURS;  
NA-NOT APPLICABLE; NOT EST-NOT ESTABLISHED; NTP-NATIONAL TOXICOLOGY PROGRAM;  
PE-LEAD; PEL-PERMISSIBLE EXPOSURE LEVEL; PPM-PARTS PER MILLION;  
TCC/PM-TAG CLOSED CUP/PENSKY-MARTEN; RECM-RECOMMENDED; TLV-THRESHOLD LIMIT VALUES.  
N.AV-NOT AVAILABLE; N.AP-NOT APPLICABLE; C-CELSIUS; F-FAHRENHEIT

\*\*\*\*\* PREPARED BY SECTION \*\*\*\*\*

PREPARED BY: REGULATORY AFFAIRS DEPT.

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